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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/919,193	08/01/2001	Simon Smith	BAI525-455/01633	3977

7590 08/26/2005

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EXAMINER

DAVIS, GEORGE B

ART UNIT	PAPER NUMBER
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2129

DATE MAILED: 08/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/919,193

Applicant(s)

SMITH ET AL.

Examiner

George Davis

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 8/1/01.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Drawings

1. The drawings are objected to because text is not clear in figures 3-5. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

2. Claim 1 is objected to because of the following informalities:

Claim 1 delete "-".

Claim 1, line 2, after "steps" insert -- : --.

Claim 1, line 3, after "elements" insert -- ; --.

Claim 1, line 8, after "tool" insert -- ; --.

Claim 1, line 8, delete "modelling" insert -- modeling --.

Claim 1, line 10, after "resources" insert -- ; and --.

Claim 1, line 14, after "resources" insert -- , --.

Claim 6, line 5, after "browser" insert -- ; --.

Claim 6, line 10, delete "modelling" insert -- modeling --.

Claim 6, line 10, after "tool" insert -- ; --.

Claim 6, line 12, after "store" insert -- ; and --.

Claim 6, line 16, after "resources" insert -- , --.

Claim 9, line 1, delete "modeller" and insert -- modeler --.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-19 are rejected under 35 U.S.C. 102(e) as being clearly by Macleod

Beck et al, U.S. Pat. No. 6874119.

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As per claim 1, Beck discloses creating a process model comprising one or more elements (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14), associating at points within processes in said model a collection of symbols representing the resources that will be required by its user to be effective, the usage of said symbols across the model being auditable and traceable through a mechanism of dependency analysis within the modeling tool (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14), mapping said symbols to electronically stored knowledge resources (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14), generating a process-driven knowledge activation system comprising said one or more symbols or textual representation of said symbols associated with said processes linked said knowledge resources (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14) and said system revealing to the user, through a graphical user interface, on clicking on a process, the associated knowledge resource symbols or textual representation of said symbols, the appropriate resource then being presented to the user on the click of said symbols or textual representation of said symbols (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 2, Beck discloses the process model is part of a set of general purpose graphical business models (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 3, Beck discloses the process models are accessible via a web browser (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 4, Beck discloses the one or more elements of the process model are provided in a tool which uniquely identifies each element and maps each element to the one or more knowledge resources (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 5, Beck discloses the knowledge resource symbols can be queried within a tool to ascertain for each, the set of processes with a requirement of said symbol's corresponding resource, so facilitating a process of resource change management (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 6, Beck discloses creating a process model of a system comprising one or more elements being part of a general purpose graphical business model, said model accessible via a web browser (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14), associating at points within processes in said model a collection of symbols representing the resources that will be required by its user to be effective, the usage of said symbols across the model being auditable and traceable through mechanism of

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dependency analysis within the modelling tool (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14), mapping said symbols to electronic knowledge resources stored in a file store (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14), generating a process-driven knowledge activation system comprising said one or more symbols or named links associated with said processes linked to said knowledge resources (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14) and said system revealing to the user, on clicking on a process, the associated knowledge resource symbols, the appropriate resource then being presented to the user on the click of said symbols or links (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 7, Beck discloses the process model is illustrated on a display screen and the elements may be selected by any conventional personal computer based user control system (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 8, Beck discloses the knowledge resources are accessed by the user selection of one or more of the symbols or links representing these resources from within the process model or definition and an appropriate display is generated for any associated knowledge resource (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 9, Beck discloses a modeller/user follows the method to create a set of general purpose graphical business models containing various linked elements in a tool, said tool able to generate models which are accessible via a web browser and which links the knowledge resource symbols in the browser by uniquely identifying each element and its corresponding web page (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 10, Beck discloses the model maps knowledge resource symbols associated with a process that requires them to their corresponding knowledge resources (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 11, Beck discloses a business or process model (), said model comprising a number of process model elements which in conjunction represent the model (), and wherein at least one of the elements is linked to a number of resources which can be selectively accessed by a user of the model () and said resources linked to a particular element are made available to the user following the user choosing the particular element (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 12, Beck discloses the model is displayed on a display screen and the user may interact with said model using a suitable control tool to select one or a number of the elements which make up the model (see abstract, figures 3 and 4,

column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 13, Beck discloses upon selection of an element if there are any resources linked thereto in the model, the same are represented on the display screen and thereafter selectable by the user (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 14, Beck discloses upon selection of a resource the resources is accessed and made available for use by the user (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 15, Beck discloses the selected resources can only be accessed by the user via the business or process model and the prior selection of an element of the same (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 16, Beck discloses the usage of the elements and resources of the model can be traced to a particular user by the model administrator (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 17, Beck discloses said model graphically represented on a display screen and including a series of model elements and a series of resources, said resources, or representations thereof linked to elements and revealed to the user upon the user selecting an element, the associated resources then presented to the user for

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selection, and, upon selection, accessible to the user (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 18, Beck discloses said model graphically represented on a display screen and including a series of model elements and a series of resources, said resources, or representations thereof linked to elements and revealed to the user upon the user selecting an element, the associated resources then presented to the user for selection, and, upon selection, accessible to the user (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

As per claim 19, Beck discloses said model graphically represented on a display screen and including a series of model elements and a series of resources, said resources, or representations thereof linked to elements and revealed to the user upon the user selecting an element, the associated resources then presented to the user for selection, and, upon selection, accessible to the user (see abstract, figures 3 and 4, column 4, lines 5-10 and 29-43, column 9, lines 1-19, column 10, lines 21-41 and column 24, lines 11-14).

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to George Davis whose telephone number is (571) 272-3683. The examiner can normally be reached on Monday through Friday from 10:00 am to 6:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Knight, can be reached on (571) 272-3687. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-3800.

August 22, 2005

A handwritten signature in black ink, consisting of a stylized 'G' followed by a large loop and a horizontal stroke.

**GEORGE B. DAVIS
PRIMARY PATENT EXAMINER**